9 Combustion air supply

The intake opening for combustion air must be located so that it cannot become clogged with dirt. It must not point in the direction of travel.

An intake line is required for combustion air.

The withdrawal point for the combustion air must be located in a cool (temperature ≤ 20 °C) place where it is protected from splashing water and above the fording line of the vehicle.

Under no circumstances may the combustion air be taken from areas occupied by people. A ventilation opening measuring at least 3 cm² is required if the heater is installed in an enclosed box.

If the heater is installed in a common installation space near the vehicle tank, the combustion air must be taken in from the outside and the exhaust gas discharged into the atmosphere. The openings must be splash-proof.

9.1. Air intake silencer

The air intake silencer must be installed in a position between 0° and 90° pointing downwards.

Installation instructions

Connect the slotted side (approx. 18 mm) of the combustion air intake line, max. 400 mm long, to the air intake port of the heater and secure it with the hose clip supplied.

Turn the air intake silencer as far as possible into the unslotted end of the air intake line (it need not be secured additionally by means of a hose clip).

IMPORTANT:

Ensure an adequate distance from the exhaust system.

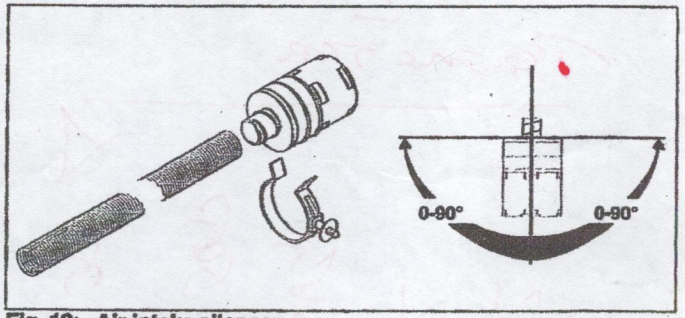

Fig. 12: Air intake silencer
Installation position

Depending on the installation situation, the air intake silencer must be secured at a suitable point with the enclosed mounting clip or cable ties.

9.1.1. Securing the air intake silencer with the mounting clip

- Drill a hole dia. 6.5 mm at a suitable point.
- Press the mounting clip into the hole.
- Fit the air intake silencer in the mounting clip.